

# CATERPILLAR SR4

5TA / SEBP1545

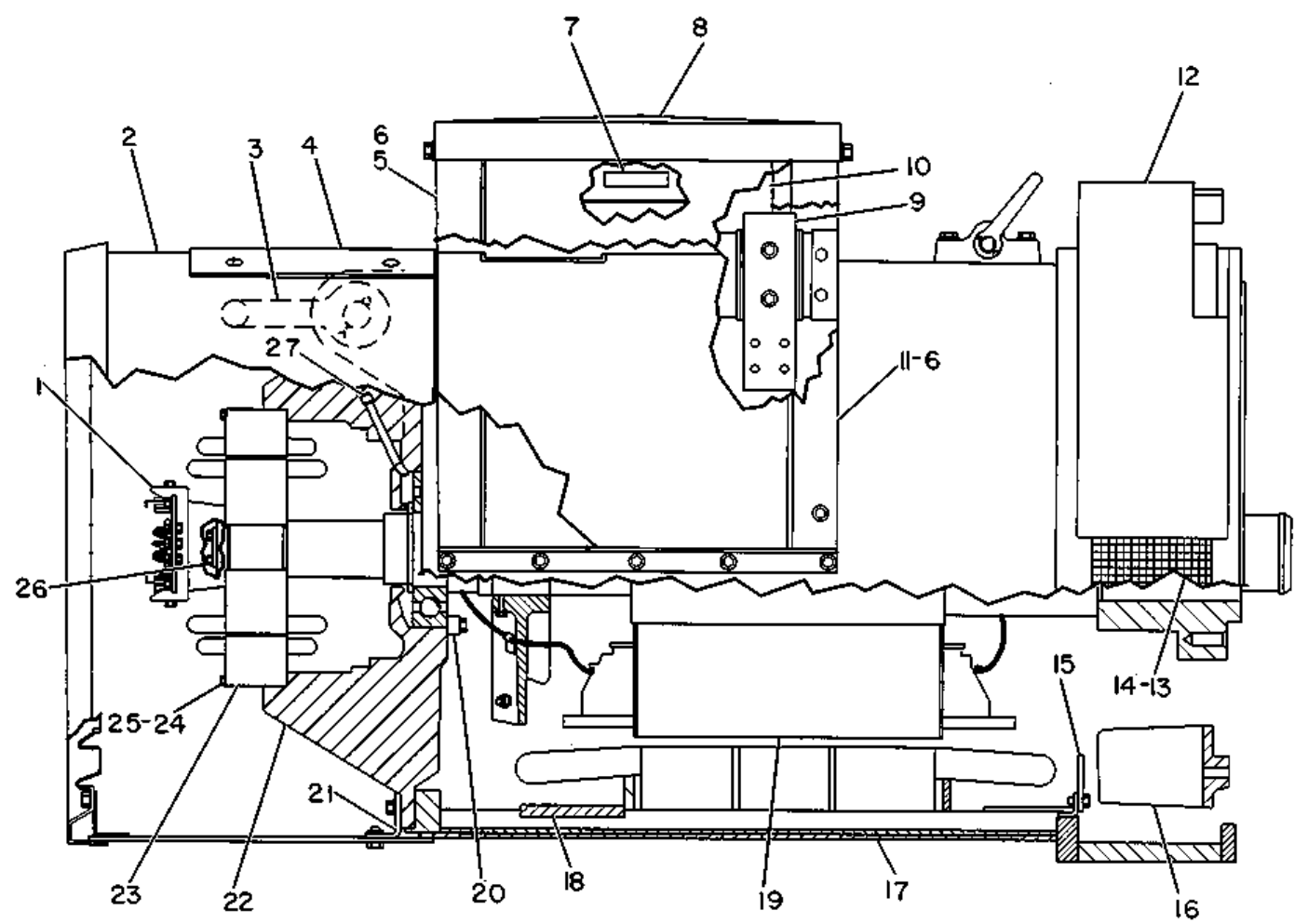
## Contents

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| <a href="#">Electrical and electronics</a> | <a href="#">2</a> |

5N-7209 GENERATOR GP

5N7209 GENERATOR GP-SIDE VIEW-PART 1 OF 2 S/N 5TA1-622 5N0394-PAGE 458, 5N9421-PAGE 404 PART OF 5N8445 GENERATOR AR

Drawing 1 of 1



| Ref. | Part number | Description            | Qty | Code | Group page |
|------|-------------|------------------------|-----|------|------------|
| 1    | 5N-9421     | EXCITER & HEAT SINK AS | 1   | Y    |            |
| 2    | 5N-9457     | COVER AS-COWL          | 1   |      |            |
| 3    | 7P-5395     | SHACKLE AS             | 1   |      |            |
| 4    | 5N-9462     | COVER AS-SHACKLE       | 1   |      |            |
| 5    | 5N-9456     | PANEL AS               | 1   |      |            |
| 6    | 5N-5014     | CHANNEL                | 2   |      |            |
| 7    | 8N-7864     | FILM-WARNING           | 2   |      |            |
| 8    | 5N-9469     | COVER AS-TOP           | 1   |      |            |
| 9    | 5N-5016     | BAR AS-BUS             | 1   |      |            |

5N-7209 GENERATOR GP (continued)

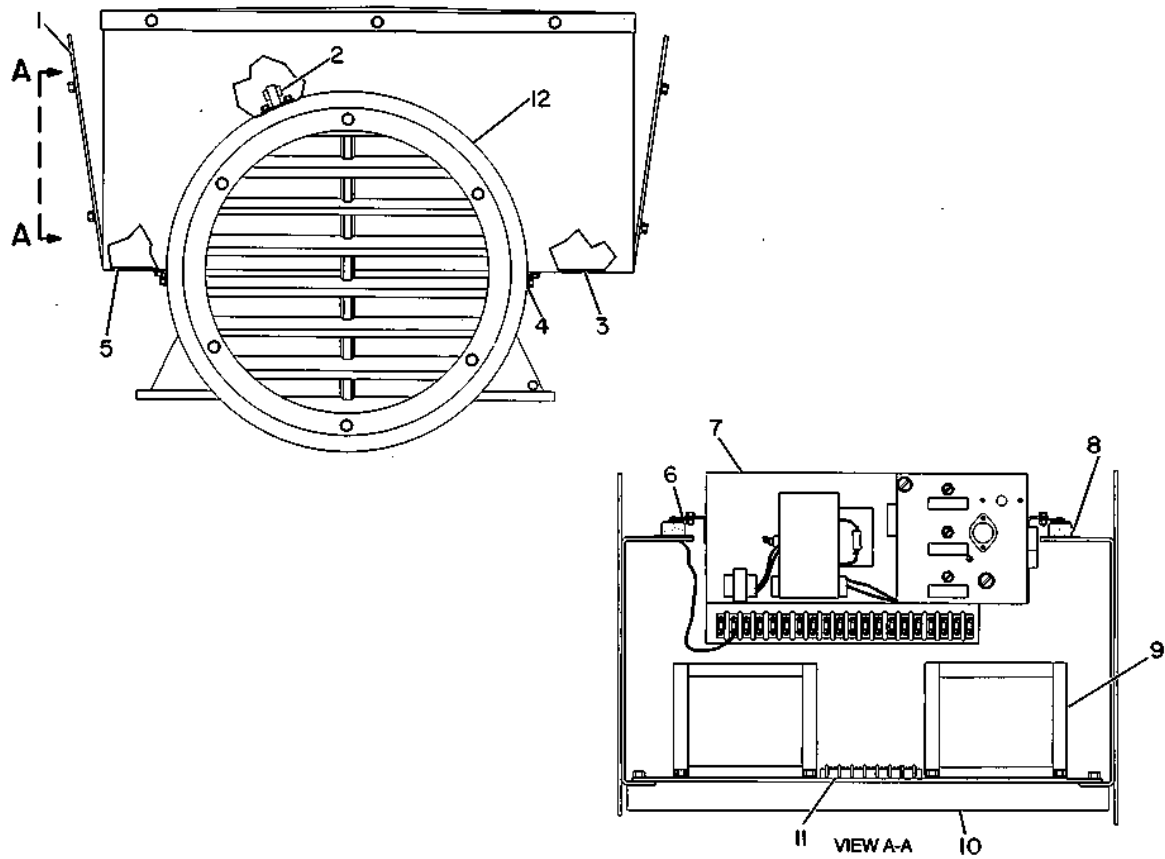
| Ref.                  | Part number | Description                        | Qty | Code | Group page |
|-----------------------|-------------|------------------------------------|-----|------|------------|
| 10                    | 5N-9417     | CHANNEL-SUPPORT                    | 2   |      |            |
| 11                    | 5N-9470     | PANEL AS                           | 1   |      |            |
| 12                    | 3N-8794     | COVER AS-ADAPTER                   | 1   |      |            |
| 13                    | 5N-5011     | COVER AS (BOTTOM)                  | 1   |      |            |
| 14                    | 5N-5010     | COVER AS (TOP)                     | 1   |      |            |
| 15                    | 5N-9451     | DEFLECTOR                          | 2   |      |            |
| 16                    | 3N-7323     | FAN-VENT                           | 1   |      |            |
| 17                    | 5N-0388     | STATOR AS                          | 1   |      |            |
|                       | 8L-4074     | CHANNEL-RUBBER                     | 1   |      |            |
| 18                    | 5N-9452     | CHANNEL-RUBBER                     | 16  |      |            |
| 19                    | 5N-0394     | ROTOR AS                           | 1   | Y    |            |
| 20                    | 5N-9448     | RETAINER-BEARING                   | 2   |      |            |
| 21                    | 5N-9450     | BRACKET AS-COWL                    | 6   |      |            |
| 22                    | 5N-9138     | BRACKET                            | 1   |      |            |
| 23                    | 5N-9151     | CORE AS-EXCITER                    | 1   |      |            |
| 24                    | 8H-8769     | BOLT                               | 4   |      |            |
| 25                    | 9M-1974     | WASHER                             | 4   |      |            |
| 26                    | 1B-9575     | BOLT                               | 4   |      |            |
|                       | 5N-5003     | SPACER                             | 1   |      |            |
| 27                    | 2B-4602     | PLUG-PIPE                          | 2   |      |            |
| THE FOLLOWING REPAIR  |             |                                    |     |      |            |
| KITS ARE AVAILABLE:   |             |                                    |     |      |            |
|                       | 5N-0395     | KIT-STATOR REWIND                  | 1   |      |            |
| (INCL TOPSTICKS,      |             |                                    |     |      |            |
| SEPARATORS, LEADS,    |             |                                    |     |      |            |
| CELLS & SLEEVES)      |             |                                    |     |      |            |
|                       | 5N-9468     | KIT-ROTOR BALANCE WEIGHT           | 1   |      |            |
| (INCL WEIGHTS, PLATES |             |                                    |     |      |            |
| AND HARDWARE)         |             |                                    |     |      |            |
|                       | 5N-5032     | KIT-GENERATOR HARDWARE (GENERATOR) | 1   |      |            |
|                       | 5N-4758     | KIT-LIFTING                        | 1   |      |            |
| (INCL SHACKLE,        |             |                                    |     |      |            |
| LIFTING DEVICE        |             |                                    |     |      |            |
| AND HARDWARE)         |             |                                    |     |      |            |
|                       | 5N-9431     | KIT-CONNECTION                     | 1   |      |            |

CAT codes: Y.

5N-7209 GENERATOR GP

5N7209 GENERATOR GP-END VIEW-PART 2 OF 2 S/N 5TA1-622 5N9441-PAGE 425 PART OF 5N8445 GENERATOR AR

Drawing 1 of 1



| Ref. | Part number | Description                 | Qty | Code | Group | page |
|------|-------------|-----------------------------|-----|------|-------|------|
| 1    | 5N-9423     | DOOR AS                     | 2   |      |       |      |
| 2    | 3N-1964     | TRANSFORMER AS              | 1   |      |       |      |
| 3    | 5N-9158     | COVER                       | 1   |      |       |      |
| 4    | 5N-9422     | BRACKET                     | 2   |      |       |      |
| 5    | 5N-9159     | COVER                       | 1   |      |       |      |
| 6    | 5N-4992     | BRACKET AS                  | 1   |      |       |      |
| 7    | 5N-9441     | REGULATOR AS                | 1   | Y    |       |      |
| 8    | 5N-9449     | MOUNT-SHOCK                 | 4   |      |       |      |
| 9    | 1W-9143     | TRANSFORMER AS (EXCITATION) | 2   |      |       |      |
| 10   | 5N-9420     | BRACKET AS                  | 1   |      |       |      |
| 11   | 5N-5087     | STRIP (TERMINAL MARKER)     | 1   |      |       |      |

5N-7209 GENERATOR GP (continued)

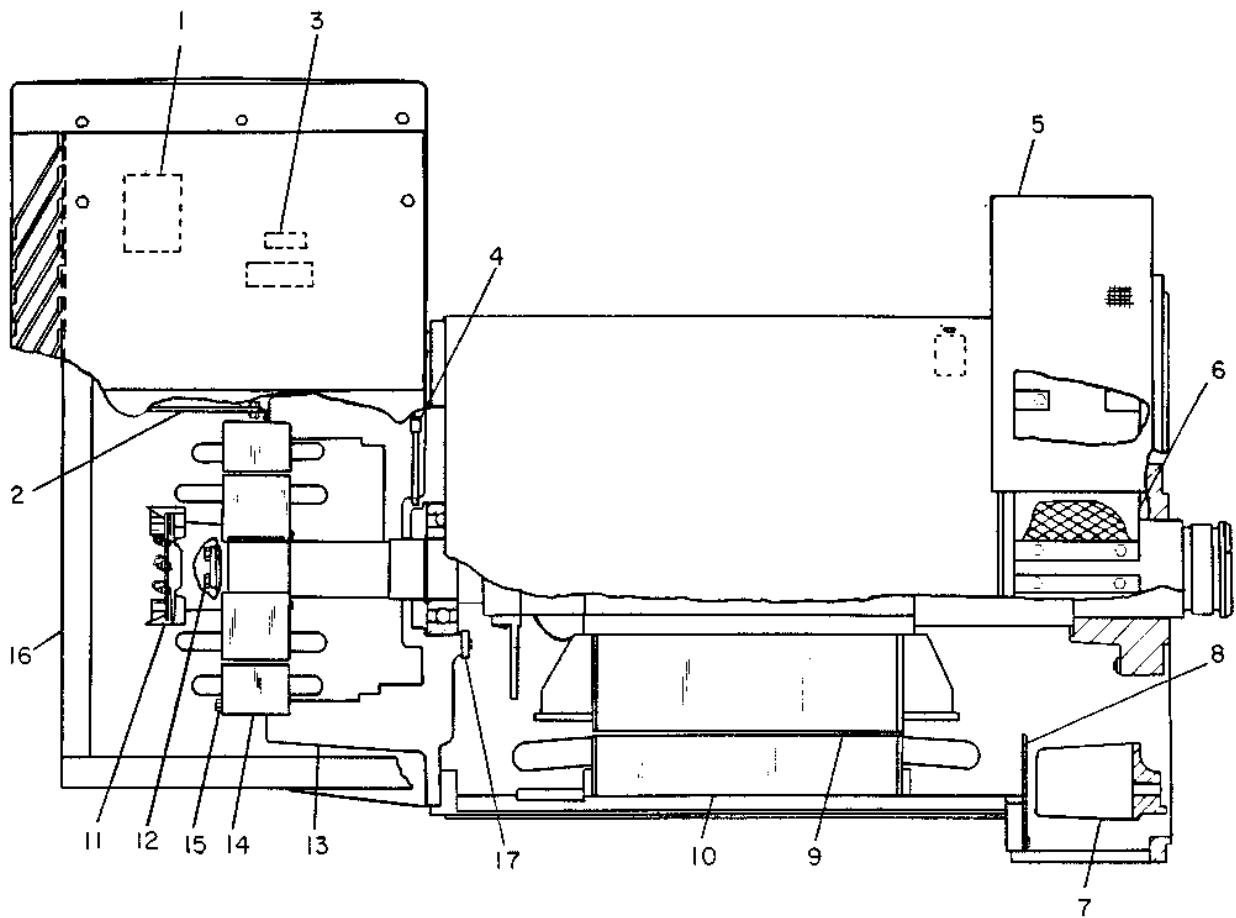
| Ref. | Part number | Description      | Qty | Code | Group page |
|------|-------------|------------------|-----|------|------------|
|      | 5K-2856     | TERMINAL STRIP   | 1   |      |            |
| 12   | 5N-9466     | COVER AS-COWL    | 1   |      |            |
|      | 6L-6523     | FILM-INSTRUCTION | 1   | F    |            |

CAT codes: F, Y.

7W-8677 GENERATOR GP

7W8677 GENERATOR GP-PART 1 OF 2 S/N 5TA657-676 5N9421-PAGE 404, 7C2709-PAGE 435 PART OF 7C3068 GENERATOR AR

Drawing 1 of 1



| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
| 1    | 5N-9137     | DIAGRAM-WIRING                        | 1   |      |            |
| 2    | 7C-1484     | COVER AS-EXCITER                      | 1   |      |            |
| 3    | 6L-6523     | FILM-INSTRUCTION (VOLTAGE ADJUSTMENT) | 1   |      |            |
| 4    | 2B-4602     | PLUG-PIPE                             | 2   |      |            |
| 5    | 7C-4541     | COVER AS-DRIP                         | 1   |      |            |
| 6    | 7C-4542     | SCREEN-COVER                          | 2   |      |            |
| 7    | 3N-7323     | FAN-VENT                              | 1   |      |            |
| 8    | 7C-4901     | DEFLECTOR                             | 2   |      |            |
| 9    | 7C-2709     | ROTOR AS                              | 1   | Y    |            |
| 10   | 7C-4554     | STATOR AS                             | 1   |      |            |
|      | 5N-9452     | CHANNEL-RUBBER                        | 16  |      |            |
| 11   | 5N-9421     | EXCITER & HEAT SINK AS                | 1   | Y    |            |
| 12   | 1B-9575     | BOLT                                  | 4   |      |            |
|      | 5N-5003     | SPACER                                | 1   |      |            |

7W-8677 GENERATOR GP (continued)

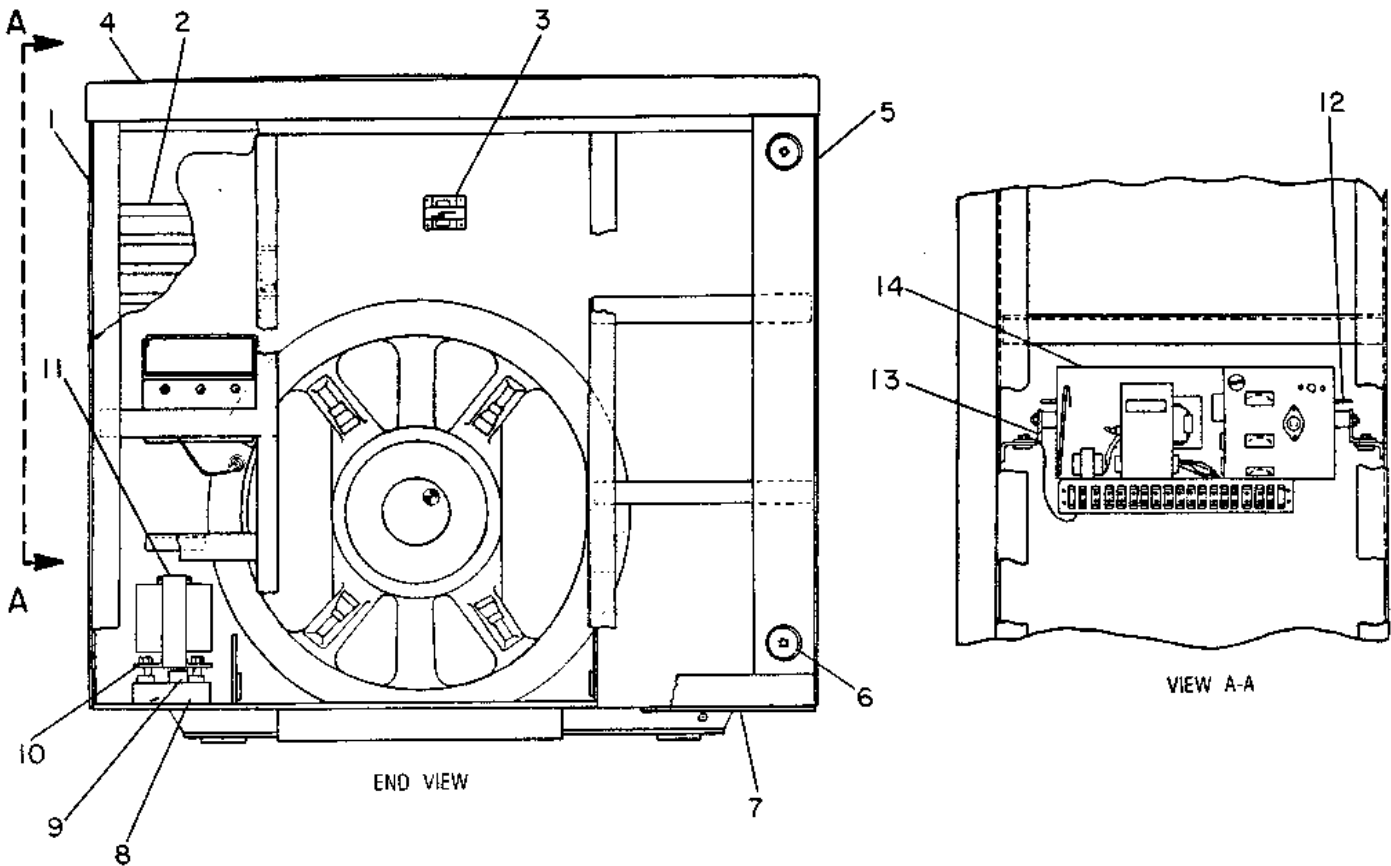
| Ref.                    | Part number | Description              | Qty | Code | Group page |
|-------------------------|-------------|--------------------------|-----|------|------------|
| 13                      | 7W-9973     | BRACKET                  | 1   |      |            |
| 14                      | 7W-8873     | CORE AS-EXCITER          | 1   |      |            |
| 15                      | 8H-8769     | BOLT                     | 4   |      |            |
|                         | 9M-1974     | WASHER                   | 4   |      |            |
| 16                      | 7C-1852     | FRAME AS                 | 1   |      |            |
| 17                      | 5N-9448     | RETAINER-BEARING         | 2   |      |            |
| THE FOLLOWING REPAIR    |             |                          |     |      |            |
| KITS ARE AVAILABLE:     |             |                          |     |      |            |
|                         | 7C-4556     | KIT-STATOR               | 1   |      |            |
| (INCL TOPSTICKS, LEADS, |             |                          |     |      |            |
| LUGS, LINERS, COIL      |             |                          |     |      |            |
| BUNDLES, SLEEVES,       |             |                          |     |      |            |
| CONNECTORS, TAPE, ROPE  |             |                          |     |      |            |
| CORD, AND TOPSTICK      |             |                          |     |      |            |
| SEPARATORS)             |             |                          |     |      |            |
|                         | 7W-1920     | KIT-ROTOR BALANCE WEIGHT | 1   |      |            |
| (INCL WEIGHTS AND       |             |                          |     |      |            |
| HARDWARE)               |             |                          |     |      |            |
|                         | 7W-9254     | KIT-HARDWARE             | 1   |      |            |

CAT codes: Y.

7W-8677 GENERATOR GP

7W8677 GENERATOR GP-PART 2 OF 2 S/N 5TA657-676 5N9440-PAGE 421 PART OF 7C3068 GENERATOR AR

Drawing 1 of 1



| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 1    | 7W-8885     | PANEL AS-BOX   | 1   |      |            |
|      | 3N-4809     | PLUG-BUTTON    | 4   |      |            |
| 2    | 7W-9961     | LOUVER-BOX     | 1   |      |            |
| 3    | 3N-1964     | TRANSFORMER AS | 1   |      |            |
| 4    | 7W-9962     | COVER AS-TOP   | 1   |      |            |
|      | 030-2284    | PLUG (SMALL)   | 8   |      |            |
|      | 6D-7128     | SEAL (SMALL)   | 8   |      |            |
|      | 5N-3176     | PLUG (LARGE)   | 4   |      |            |
|      | 5N-3167     | SEAL (LARGE)   | 4   |      |            |
| 5    | 7W-8884     | PANEL-BOX      | 1   |      |            |
| 6    | 7C-0100     | MOUNT-SHOCK    | 4   |      |            |
| 7    | 7W-9971     | COVER-BOTTOM   | 1   |      |            |
| 8    | 7W-8889     | BRACKET        | 1   |      |            |
|      | 7W-1377     | COVER          | 1   |      |            |
|      | 7W-1379     | TERMINAL       | 1   |      |            |
|      | 5N-5087     | STRIP          | 1   |      |            |

7W-8677 GENERATOR GP (continued)

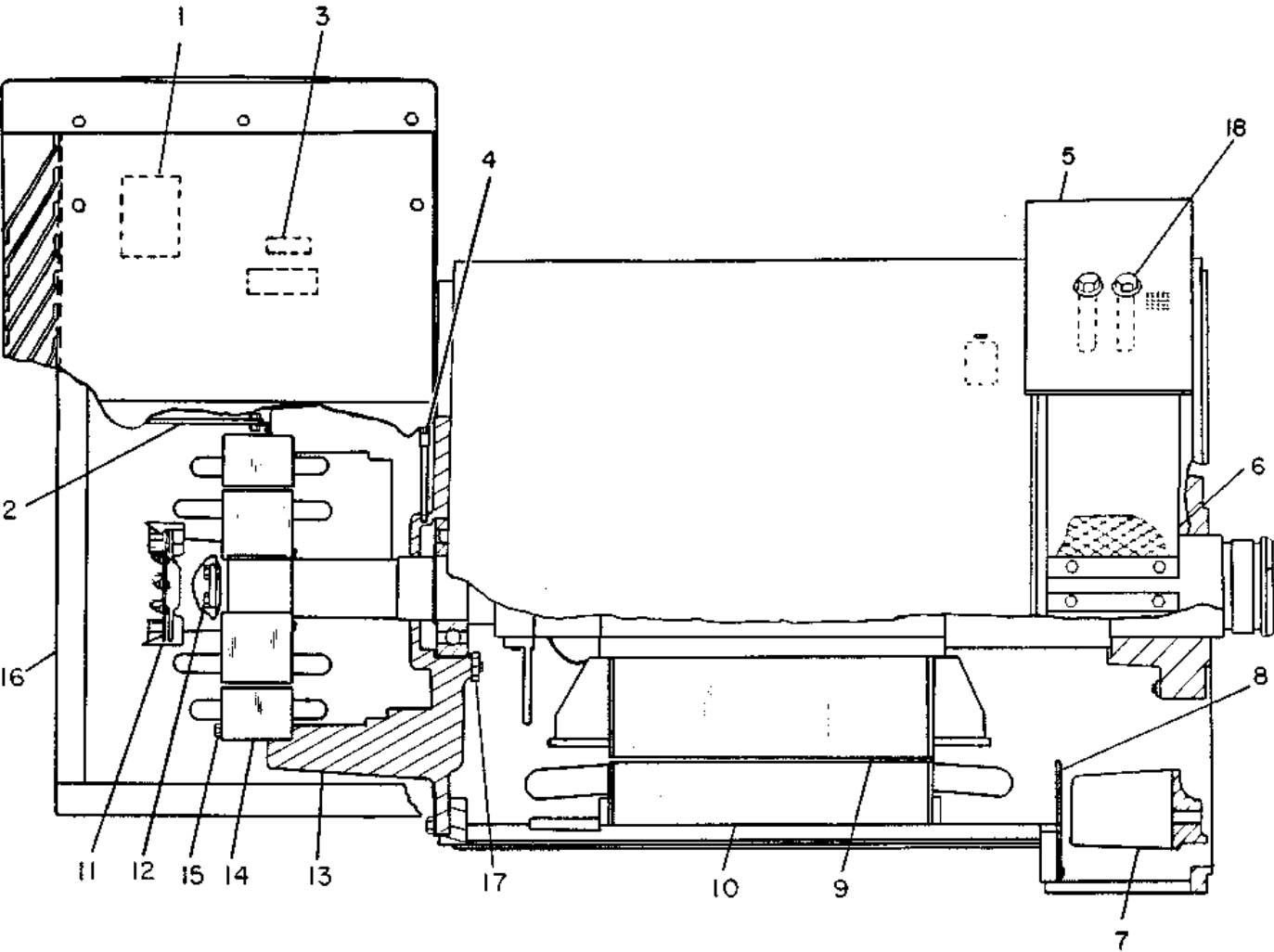
| Ref. | Part number | Description    | Qty | Code | Group page |
|------|-------------|----------------|-----|------|------------|
| 10   | 054-8671    | MOUNT          | 4   |      |            |
| 11   | 5N-9430     | TRANSFORMER AS | 2   |      |            |
| 12   | 3N-1968     | MOUNT-SHOCK    | 6   |      |            |
| 13   | 7W-8886     | BRACKET        | 2   |      |            |
| 14   | 5N-9440     | REGULATOR AS   | 1   | Y    |            |

CAT codes: Y.

7W-8677 GENERATOR GP

7W8677 GENERATOR GP-PART 1 OF 2 S/N 5TA677-700 5N9421-PAGE 404, 7C2709-PAGE 435 PART OF 7C3068 GENERATOR AR

Drawing 1 of 1



| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
| 1    | 5N-9137     | DIAGRAM-WIRING                        | 1   |      |            |
| 2    | 7C-1484     | COVER AS-EXCITER                      | 1   |      |            |
| 3    | 6L-6523     | FILM-INSTRUCTION (VOLTAGE ADJUSTMENT) | 1   |      |            |
| 4    | 2B-4602     | PLUG-PIPE                             | 2   |      |            |
| 5    | 9Y-0913     | COVER                                 | 1   |      |            |
| 6    | 7C-4542     | SCREEN-COVER                          | 2   |      |            |
| 7    | 3N-7323     | FAN-VENT                              | 1   |      |            |
| 8    | 7C-4901     | DEFLECTOR                             | 2   |      |            |
| 9    | 7C-2709     | ROTOR AS                              | 1   | Y    |            |
| 10   | 7C-4554     | STATOR AS                             | 1   |      |            |
|      | 5N-9452     | CHANNEL-RUBBER                        | 16  |      |            |
| 11   | 5N-9421     | EXCITER & HEAT SINK AS                | 1   | Y    |            |

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